

PRATHER SPRINGS DATA REVIEW SUMMARY

Data Package Number: Key Laboratories, Inc. 08-1382

Sampling Event: June 6, 2008

Sample-specific Parameter Review? **Yes**

Laboratory Performance Parameters? **No**

Data Reviewer: Liz Kraak

Date Completed: 09/15/08

Peer Reviewer: Sheri O'Connor

Date Completed: 09/16/08

The table below summarizes the results presented in this data package.

Field ID	Sample Type	Lab ID	Matrix	Analyses
				VOCs (8260)
N.P. Faucet	SA	08-1382 #1	Water	X
N.P. Cistern	SA	08-1382 #2	Water	X
Non Source Spring	SA	08-1382 #3	Water	X
D.P. Faucet	SA	08-1382 #4	Water	X

Analyses:
VOCs – Volatile Organic Compounds

QC Type: SA - Sample m - Matrix Spike/Matrix Spike Duplicate

--- Sample not analyzed for this parameter.

The data review was conducted in accordance with the Data Validation SOP included in Attachment B to the Phase I Site Investigation Work Plan – Prather Spring Investigation dated July 31, 2008.

General Overall Assessment:

- ☐ Data are usable without qualification.
- ☒ Data are usable with qualification (noted below).
- ☐ Some data are unusable for any purpose (noted below).

Case Narrative Summary: Except as noted below, any of the issues noted in the laboratory case narrative potentially affecting data quality are addressed in the appropriate sections in the table below.

Review Parameter	Criteria Met?	Comments
Sample-specific Parameters	Complete with "Yes", "No", or "Not Applicable (N/A)".	For each "No" response, list what was out, associated acceptance limits, all qualified data, and bias direction or reference associated table with pertinent details.
COC & Sample Receipt	Yes	Samples were received intact and within the $\leq 6^{\circ}\text{C}$ temperature criterion.
Holding Times	Yes	All samples were analyzed within the holding time requirements specified in the Work Plan. Data qualification was not required.
Method Blanks	Yes	Target analytes were not reported as detected within the associated method blanks. Data qualification was not required.
Matrix QC <ul style="list-style-type: none"> MS/MSD N/A LD N.P. Faucet (VOCs) 	Yes	The RPD between parent result and the laboratory duplicate results satisfied the applicable evaluation criterion.

Review Parameter	Criteria Met?	Comments
Field QC <ul style="list-style-type: none"> Field Blanks (Ambient, Rinsate, or Trip) None Field Duplicate None 	No	A trip blank was inadvertently not included for this sampling event.
Surrogates	Yes	All surrogate recoveries were within the laboratory acceptance limits. Data qualification was not required.
Laboratory Control Sample (LCS)	Yes	LCS recoveries were within the laboratory determined acceptance limits. Data qualification was not required.
Elevated RLs without associated non-detect results?	Yes	No results were reported as non-detect with elevated reporting limits.
Package Completeness	Yes	
Other Parameters	Yes	Detected analytes with concentrations between the Instrument Detection Limit (IDL) and the Reporting Limit (RL) were qualified as estimated (J). A qualifier code of "SQL-I" (Sample Quantitation Limit) was assigned to reflect the greater uncertainty in quantitative values below the RL.

PRATHER SPRINGS DATA REVIEW SUMMARY

Data Package Number: Key Laboratories, Inc. 08-1649

Sampling Event: June 20, 2008

Sample-specific Parameter Review? **Yes**

Laboratory Performance Parameters? **No**

Data Reviewer: Liz Kraak

Date Completed: 09/15/08

Peer Reviewer: Sheri O'Connor

Date Completed: 09/16/08

The table below summarizes the results presented in this data package.

Field ID	Sample Type	Lab ID	Matrix	Analyses
				VOCs (8260)
Stock Pond	SA	08-1649 #1	Water	X
Ned Spring	SA	08-1649 #2	Water	X

Analyses:

VOCs – Volatile Organic Compounds

QC Type: SA - Sample m - Matrix Spike/Matrix Spike Duplicate

--- Sample not analyzed for this parameter.

The data review was conducted in accordance with the Data Validation SOP included in Attachment B to the Phase I Site Investigation Work Plan – Prather Spring Investigation dated July 31, 2008.

General Overall Assessment:

_____ Data are usable without qualification.
 _____ **X** Data are usable with qualification (noted below).
 _____ Some data are unusable for any purpose (noted below).

Case Narrative Summary: Except as noted below, any of the issues noted in the laboratory case narrative potentially affecting data quality are addressed in the appropriate sections in the table below.

Review Parameter	Criteria Met?	Comments
Sample-specific Parameters	Complete with "Yes", "No", or "Not Applicable (N/A)".	For each "No" response, list what was out, associated acceptance limits, all qualified data, and bias direction or reference associated table with pertinent details.
COC & Sample Receipt	Yes	Samples were received intact and within the $\leq 6^{\circ}\text{C}$ temperature criterion.
Holding Times	Yes	All samples were analyzed within the holding time requirements specified in the Work Plan. Data qualification was not required.
Method Blanks	Yes	Target analytes were not reported as detected within the associated method blanks. Data qualification was not required.
Matrix QC • MS/MSD N/A • LD Ned Spring	Yes	The RPD between parent result and the laboratory duplicate results satisfied the applicable evaluation criterion.

Review Parameter	Criteria Met?	Comments
Field QC <ul style="list-style-type: none"> Field Blanks (Ambient, Rinsate, or Trip) None Field Duplicate None 	No	A trip blank was inadvertently not included for this sampling event.
Surrogates	Yes	All surrogate recoveries were within the laboratory acceptance limits. Data qualification was not required.
Laboratory Control Sample (LCS)	Yes	LCS recoveries were within the laboratory determined acceptance limits. Data qualification was not required.
Elevated RLs without associated non-detect results?	Yes	No results were reported as non-detect with elevated reporting limits.
Package Completeness	Yes	
Other Parameters	Yes	Detected analytes with concentrations between the Instrument Detection Limit (IDL) and the Reporting Limit (RL) were qualified as estimated (J). A qualifier code of "SQL-I" (Sample Quantitation Limit) was assigned to reflect the greater uncertainty in quantitative values below the RL.

PRATHER SPRINGS DATA REVIEW SUMMARY

Data Package Number: Key Laboratories, Inc. 08-1668

Sampling Event: June 23, 2008

Sample-specific Parameter Review? **Yes**

Laboratory Performance Parameters? **No**

Data Reviewer: Liz Kraak

Date Completed: 09/15/08

Peer Reviewer: Sheri O'Connor

Date Completed: 09/16/08

The table below summarizes the results presented in this data package.

Field ID	Sample Type	Lab ID	Matrix	Analyses
				VOCs (8260)
Creek	SA	08-1668 #1	Water	X

Analyses:
VOCs – Volatile Organic Compounds

QC Type: SA - Sample m - Matrix Spike/Matrix Spike Duplicate
--- Sample not analyzed for this parameter.

The data review was conducted in accordance with the Data Validation SOP included in Attachment B to the Phase I Site Investigation Work Plan – Prather Spring Investigation dated July 31, 2008.

General Overall Assessment:

- _____ Data are usable without qualification.
☒ Data are usable with qualification (noted below).
 _____ Some data are unusable for any purpose (noted below).

Case Narrative Summary: Except as noted below, any of the issues noted in the laboratory case narrative potentially affecting data quality are addressed in the appropriate sections in the table below.

Review Parameter	Criteria Met?	Comments
Sample-specific Parameters	Complete with "Yes", "No", or "Not Applicable (N/A)".	For each "No" response, list what was out, associated acceptance limits, all qualified data, and bias direction or reference associated table with pertinent details.
COC & Sample Receipt	Yes	Samples were received intact and within the $\leq 6^{\circ}\text{C}$ temperature criterion.
Holding Times	Yes	All samples were analyzed within the holding time requirements specified in the Work Plan. Data qualification was not required.
Method Blanks	Yes	Target analytes were not reported as detected within the associated method blanks. Data qualification was not required.
Matrix QC • MS/MSD N/A • LD N/A	N/A	

Review Parameter	Criteria Met?	Comments
Field QC <ul style="list-style-type: none"> Field Blanks (Ambient, Rinsate, or Trip) None Field Duplicate None 	No	A trip blank was inadvertently not included for this sampling event.
Surrogates	Yes	All surrogate recoveries were within the laboratory acceptance limits. Data qualification was not required.
Laboratory Control Sample (LCS)	Yes	LCS recoveries were within the laboratory determined acceptance limits. Data qualification was not required.
Elevated RLs without associated non-detect results?	Yes	No results were reported as non-detect with elevated reporting limits.
Package Completeness	Yes	
Other Parameters	Yes	Detected analytes with concentrations between the Instrument Detection Limit (IDL) and the Reporting Limit (RL) were qualified as estimated (J). A qualifier code of "SQL-I" (Sample Quantitation Limit) was assigned to reflect the greater uncertainty in quantitative values below the RL.